

Espacenet

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ARTICULATION TYPE STENT

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Abstract of JP 3151983 (A)

PURPOSE: To easily arrange a stent in the bent part of a blood vessel by providing two or more metallic tubular stent segment parts, and a flexible hinge part formed of a biologically adaptive material to mutually conjugate the stent segment parts.
CONSTITUTION: A joint conjugate type stent 10 is formed of three stent segment parts 12 and two hinge parts 14, and each of the stent segment 12s is formed by welding both ends of individual wires both ends into a tube form as the whole. The hinge part 14 is formed of a biologically adaptive flexible material, and the diameter is smaller than that of the wire of the stent segment parts 12. The hinge part 14 is welded to one-side ends of the front and rear stent segment parts 12 by laser welding or electric welding.; The hinge parts 14 are arranged out of all bent parts, and the end parts of the inner stent segment parts 12 are mutually adjacent. These hinge parts 14 are made of a radiation impermeable material or covered with the radiation impermeable material. Thus, a single stent adaptive to the bending or change in diameter of the artery and mountable by one operation can be provided.



